



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07185294 A**(43) Date of publication of application: **25.07.1995**(51) Int. Cl. **B01F 17/42****A23L 1/035**(21) Application number: **05346861**(22) Date of filing: **27.12.1993**(71) Applicant: **NISSHIN OIL MILLS LTD:THE**(72) Inventor: **INATA JUNICHI
MORI TAKAHIRO****(54) EMULSIFIER, SOLUBILIZING AGENT OR
DISPERSANT****(57) Abstract:**

PURPOSE: To obtain a surfactant imparting a stable emulsifying, solubilizing or dispersing system in a wide mixing system by using ester of a specific straight chain polyglycerine compsn. and resin acid.

CONSTITUTION: Polyglycerine fatty acid ester is synthesized by esterifying a polyglycerine compsn. containing a straight chain structure and a branched and cyclic structure with resin acid and subsequently re-

moving ester having a branched or cyclic polyglycerine structure or using the polyglycerine compsn. having a branched and cyclic structure as a raw material to obtain fatty acid ester. This polyglycerine fatty acid ester is a polyglycerine compsn. with an average polymerization degree of 3-15 and characterized by that the total content of a 2 or more C branched structure and a cyclic structure is 5wt.% or less and more desirably ester obtained by esterifying straight chain polyglycerine compsn. having no branched and cyclic structure and fatty acid so as to set an esterification degree to 1-4.

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